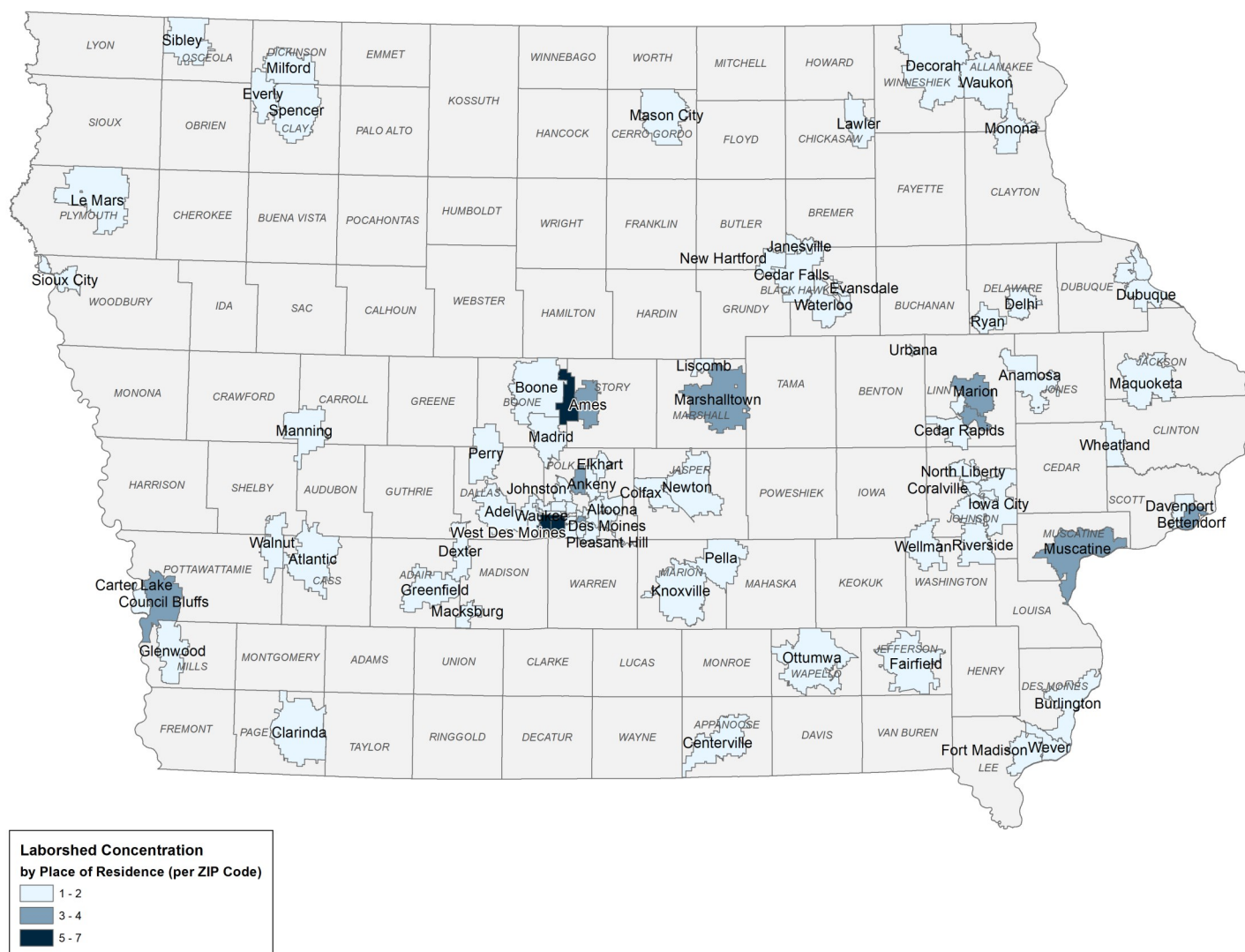


LABOR CHARACTERISTICS

COMPUTER & MATHEMATICAL

STATE OF IOWA LABORSHED AREA

CONCENTRATION OF RESPONDENTS WITHIN THE LABORSHED AREA WITH TRANSFERABLE EXPERIENCE/SKILLS BY PLACE OF RESIDENCE



Workers who have transferable experience/skills in the industry are currently commuting an average of 10 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 26 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE STATE OF IOWA, IA LABORSHED, CONTACT:

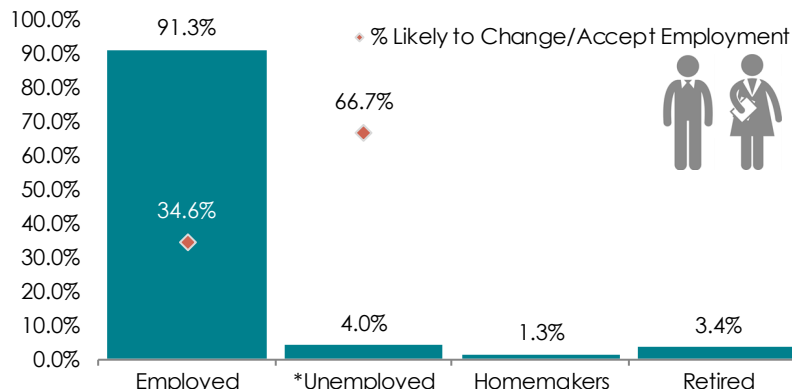
LABOR CHARACTERISTICS

COMPUTER & MATHEMATICAL

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Actuaries - 2.68%
- Computer & Information Research Scientists - 1.34%
- Computer Network Architects - 1.34%
- Computer Network Support Specialists - 9.4%
- Computer Occupations, All Other - 18.79%
- Computer Programmers - 6.04%
- Computer Systems Analysts - 9.4%
- Computer User Support Specialists - 10.07%
- Database Administrators - 1.34%
- Information Security Analysts - 10.74%
- Network & Computer Systems Administrators - 10.74%
- Operations Research Analysts - 1.34%
- Software Developers, Applications - 9.4%
- Software Developers, Systems Software - 6.04%
- Web Developers - 1.34%

ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

UNDEREMPLOYMENT (ESTIMATED):

- Low hours - 1.3%
- Low income - 1.3%
- Mismatch of skills - 4.7%
- Total - 6.0%

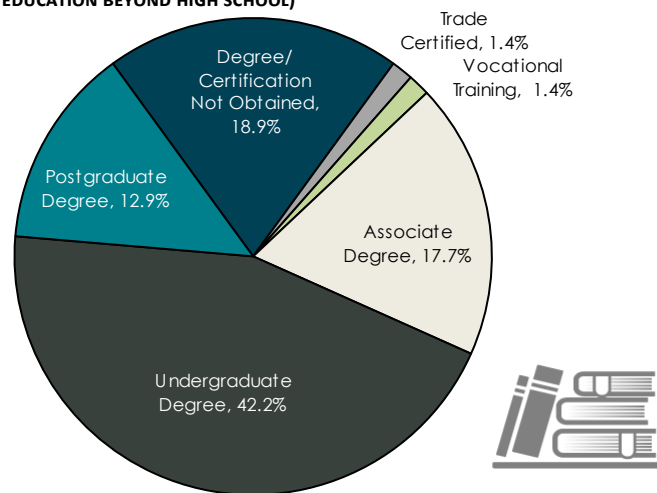
(Individuals counted only once when estimating Total Underemployment.)

EMPLOYMENT STATS:

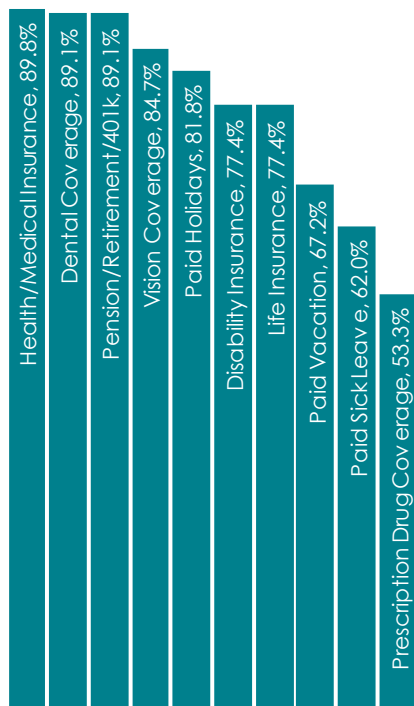
- 59.2% paid an annual salary
- 93.3% are/were employed full-time
- 6.7% are/were employed part-time
- 6.1% are/were self-employed
- 12.5% hold two or more jobs
- Currently working an average of 43 hours/week

EDUCATIONAL LEVEL:

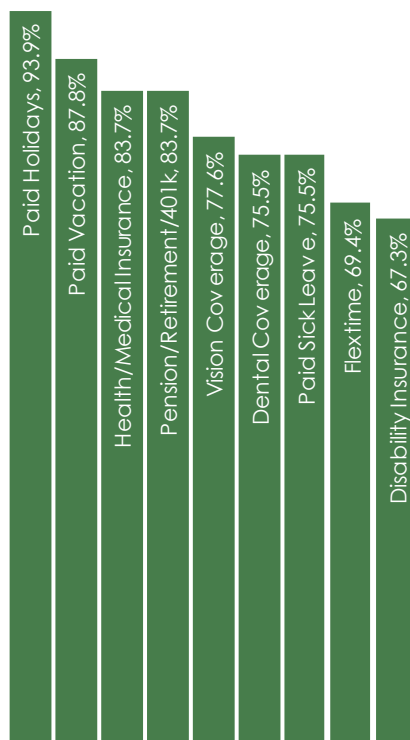
(94.5% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



CURRENT BENEFITS:



DESIRED BENEFITS:



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 62.7%
 - www.indeed.com
 - www.linkedin.com
 - www.monster.com
- Private Employment Services - 32.4%
- Networking through friends, family or acquaintances - 23.2%
- College/university career centers - 20.4%

WORKPLACE FLEXIBILITY:

(by percent of interest)

- Job teams - 52.1%
- Cross-training - 51.0%
- Job sharing - 48.9%
- Varied shifts - 44.9%
- Temporary work - 26.0%
- Seasonal work - 23.5%

LABOR CHARACTERISTICS

COMPUTER & MATHEMATICAL

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Actuaries	15-2011	\$51.63	\$32.65	\$61.12	\$47.20	\$107,391
Computer Network Architects	15-1143	\$57.50	\$34.50	\$68.99	\$48.40	\$119,590
Computer Network Support Specialists	15-1152	\$26.78	\$18.88	\$30.72	\$25.98	\$55,694
Computer Occupations, All Other	15-1199	\$37.89	\$23.87	\$44.90	\$35.97	\$78,807
Computer Programmers	15-1131	\$37.95	\$27.38	\$43.24	\$37.80	\$78,935
Computer Systems Analysts	15-1121	\$40.53	\$27.77	\$46.91	\$39.61	\$84,296
Computer User Support Specialists	15-1151	\$23.61	\$16.77	\$27.02	\$22.51	\$49,103
Database Administrators	15-1141	\$43.53	\$28.84	\$50.87	\$43.94	\$90,542
Information Security Analysts	15-1122	\$39.92	\$26.01	\$46.87	\$37.74	\$83,033
Network and Computer Systems Administrators	15-1142	\$36.03	\$25.55	\$41.27	\$34.58	\$74,937
Operations Research Analysts	15-2031	\$39.42	\$26.77	\$45.74	\$40.24	\$81,990
Software Developers, Applications	15-1132	\$42.58	\$30.25	\$48.75	\$42.57	\$88,571
Software Developers, Systems Software	15-1133	\$44.19	\$29.85	\$51.36	\$44.26	\$91,915
Statisticians	15-2041	\$35.78	\$25.95	\$40.70	\$34.32	\$74,428
Web Developers	15-1134	\$28.05	\$16.25	\$33.95	\$25.08	\$58,343

The 2019 Iowa Wage data for the State of Iowa Laborshed area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. The source of the wage and employment data is based on the May 2018 OES estimates. Additional occupational wage and employment data can be found at www.iowalmi.gov/laborshed.